U.S. DEPARTMENT OF COMMERCE
National Technical Information Service

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Areawide Waste Treatment Management Plan for the Greater Houston Area (Section 208, PL-92-500) Proposed Treatment Works Management Agencies

Houston-Galveston Area Council, TX

Prepared for

Environmental Protection Agency, Washington, DC

Aug 78

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PROPOSED TREATMENT WORKS MANAGEMENT AGENCIES

SUPPLEMENTAL REPORT

AUGUST 1978

HOUSTON-GALVESTON AREA COUNCIL

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An initial 208 Plan (Areawide Waste Treatment Management Plan) for the Greater Houston Area was developed by the Houston-Galveston Area Council and submitted to the State for certification on April 12, 1978. The report, entitled Implementation Requirements, presented the recommended technical and management approaches to meeting national clean water goals for the designated planning area. The purpose of Proposed Treatment Works Management Agencies - Supplemental Report is to supplement the Implementation Requirements report by the recommendation of specific agencies to be responsible for constructing, operating and maintaining waste treatment facilities. This report also presents annualized construction needs for the period 1980-1983.

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PROPOSED TREATMENT WORKS MANAGEMENT AGENCIES
(Supplemental Report to Implementation Requirements, April 1978)

AREAWIDE WASTE TREATMENT MANAGEMENT PLAN
FOR THE
GREATER HOUSTON AREA
(SECTION 208, PL 92-500)

AUGUST 1978

HOUSTON-GALVESTON AREA COUNCIL

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INTRODUCTION

An initial 208 plan for the Greater Houston Area was submitted to the State for certification on April 21, 1978. The report, entitled Implementation Requirements, presented the recommended technical and management approaches to meeting national clean water goals for the designated planning area. The purpose of this report is to supplement the Implementation Requirements report by the recommendation of specific agencies to be responsible for constructing, operating and maintaining waste treatment facilities. The report also presents annualized construction needs for the period 1980-1983.*

Requirements of Section 208

Section 208 of the Federal Water Pollution Control Act Amendments of 1972 and the Clean Water Act of 1977 requires that Waste Treatment Management plans specifically identify those agencies responsible for plan implementation. The law states that, "any plan prepared under such process shall include but not be limited to... the identification of those agencies necessary to construct, operate and maintain all facilities required by the plan and otherwise to carry out the plan..." The Act further specifies that "after a waste treatment management agency has been designated...the Administrator shall not make any grant for construction of a publicly-owned treatment works under Section 201(G)(1) within such area except to such designated agency and for works in conformance with such plan."

The plan for the Greater Houston Area recommends that the management functions of design and construction, operation and maintenance, and financing of publicly-owned treatment works remain at the local level and be accomplished by those entities who are currently performing or who may in the future perform these waste treatment management functions.

A conference was held at the Houston-Galveston Area Council (H-GAC) on June 29, 1978 to answer questions regarding the management agency designations. This was followed by a public hearing at the H-GAC on July 19, 1978. This document includes input received as a result of the conference and hearing.

*Taken from the Schedule of Projected Construction Needs for the period 1977-1983 (Implementation Requirements, August 1978) and direct input from proposed Treatment Works Management Agencies

TREATMENT WORKS MANAGEMENT AGENCIES

It is necessary, at this time, to name those individual entities who are eligible to receive designation as Treatment Works Management Agencies (TWMA). The authorities that are necessary for eligibility as a designated TWMA are specified in Section 208 as follows:

> "(A) to carry out appropriate portions of an areawide waste treatment management plan developed under... this section;
>
> "(B) to manage effectively waste treatment works and related facilities serving such area in conformance with any plan required by...this section;
>
> "(C) directly or by contract, to design and construct new works, and to operate and maintain new and existing works as required by any plan developed pursuant to...this section;
>
> "(D) to accept and utilize grants, or other funds from any source, for waste treatment management purposes;
>
> "(E) to raise revenues, including the assessment of waste treatment changes;
>
> "(F) to incur short- and long-term indebtedness;
>
> "(G) to assure in implementation of an areawide waste treatment management plan that each participating community pays its proportionate share of treatment costs;
>
> "(H) to refuse to receive any wastes from any municipality or subdivision thereof, which does not comply with any provisions of an approved plan under this section applicable to such area;
>
> "(I) to accept for treatment industrial wastes;"

Legal Authority

This report identifies entities in the Greater Houston 208 area proposed as Treatment Works Management Agencies. In addition, a brief statement regarding the legal authority, relative to 208 implementation, and service areas of the proposed TWMA has been included. More detailed discussions of authorities and responsibilities can be found in the 208 reports Current Wastewater Management,

May 1977, and Management Assessment, July 1977. The legal authorities of individual TWMAs do not preclude the implementation of regional and areawide systems as found in Title 2, Chapter 26, Subchapter C, Sections 26.081-26.087 of the Texas Water Code.

Implementation Statements

Prior to designation, by the Governor, as Treatment Works Management Agencies, entities recommended for such designation must acknowledge an understanding and acceptance of their responsibilities as a waste treatment management agency. Only those entities who become designated agencies will qualify for federal funding through the Construction Grant Program. Notice was given to all proposed waste treatment agencies of the need for formal acknowledgement of implementing responsibilities if they desire to be eligible for construction grant funds.

All implementation statements received by September 15, 1978 will be forwarded to the Texas Department of Water Resources (TDWR) for submission to the Governor's Office for designation with certification of the initial plan. Resolutions and/or letters of agreement executed subsequent to certification of the initial 208 plan will be submitted to the State as part of annual plan updates.

Designation of New Management Agencies

In some instances, the 208 plan indicates the need for waste treatment facilities in areas where no proposed management agency exists at this time. This situation would apply to portions of the designated area where development is projected to occur over the twenty-year planning period. It is anticipated that areas outside the boundaries of existing waste treatment entities will be served through the formation of new water districts. The process by which new entities may become designated as Treatment Works Management Agencies should begin three to five years prior to anticipated facility construction. The initial step involves creation of a Water District either by the Texas Water Commission or through State legislation. The 208 Planning Agency should be advised of new District formation at which time the Planning Agency will evaluate the authorities and service area for eligibility as a management agency under 208 requirements. The Planning Agency will recommend designation of the District and notify the District of its proposed responsibilities in conformance with the Areawide Waste Treatment Management Plan. If the District acknowledges willingness to accept implementation responsibilities (for financing, construction, operation and maintenance of facilities as indicated in an approved 208 plan), the Governor will be requested to designate the District as a Treatment Works Management Agency. The District as a TWMA may then be eligible to apply for construction grant funds. However, the designation

must take place prior to placement on the Construction Grants Priority List.

PROPOSED TREATMENT WORKS MANAGEMENT AGENCIES

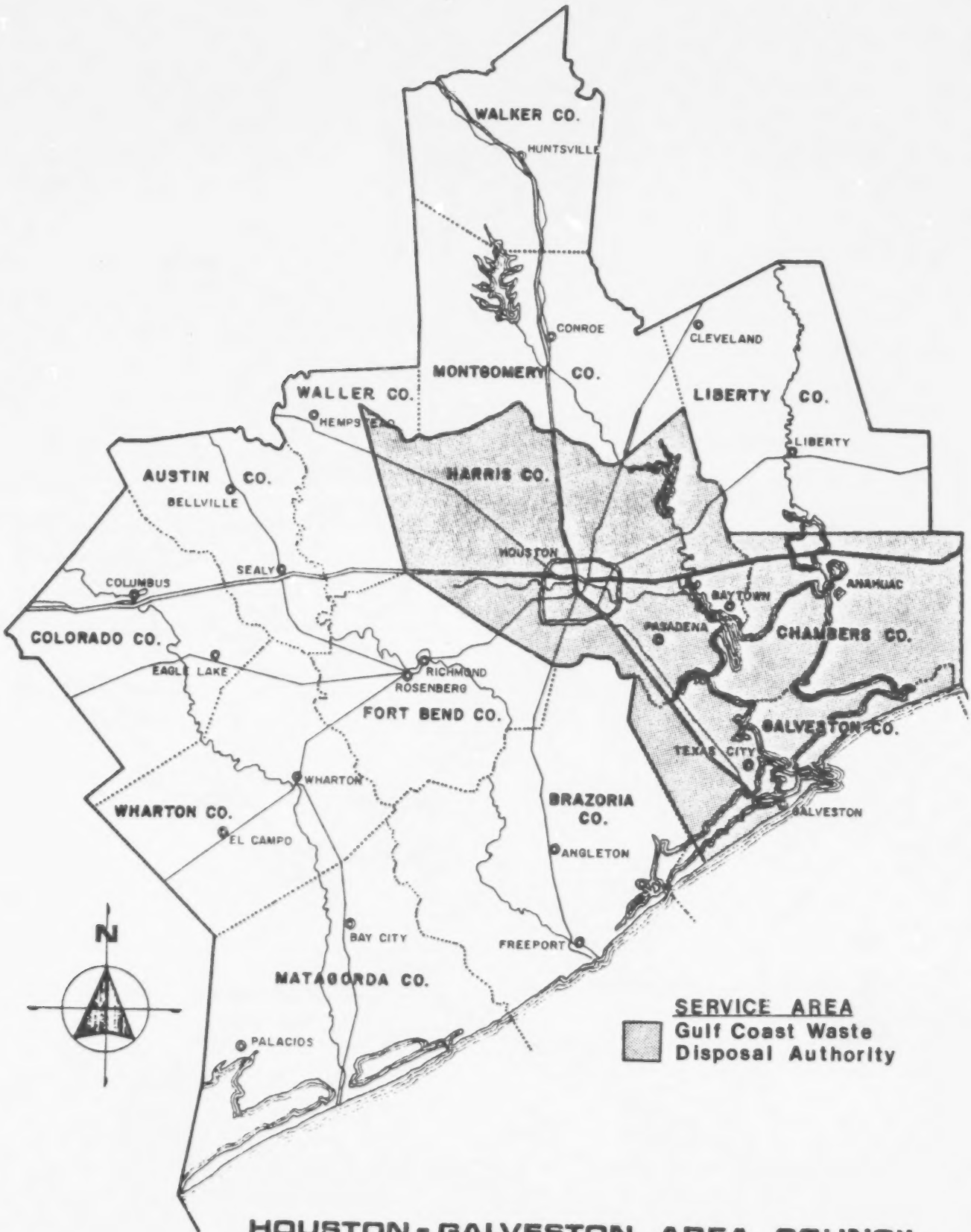
The proposed Treatment Works Management Agencies are presented by type of entity, i.e., Special Authorities, Municipalities and Water Districts. The functions performed by each agency and whether the agency is currently on the Construction Grants Priority List has been indicated where possible.

Certain of the entities named do not currently have a public sewerage system; other cities and entities may only have collection systems. It is the intention of the 208 plan to recognize all entities who have authorities for financing, construction, operation and maintenance of sewerage systems. Final designation of Treatment Works Management Agencies rests with the Governor of the State but will be based on plan recommendations and executed agreements to participate by proposed entities.

SPECIAL AUTHORITIES

Gulf Coast Waste Disposal Authority (GCWDA) was created by special legislation as a regional water pollution abatement authority with direct statutory authority to operate and maintain publicly-owned wastewater treatment facilities. The GCWDA may design and construct facilities inside its jurisdictional boundaries, directly or by subcontracting with consulting engineers and/or construction firms. The Authority's jurisdictional boundaries were set by the State legislature as being Chambers, Harris and Galveston Counties. However, GCWDA may operate in other Counties by contract with local governmental agencies. The Authority may finance wastewater treatment facilities through ad valorem taxing power (contingent upon voter approval), or issuance of either general revenue bonds secured by ad valorem taxes or revenue bonds. The GCWDA has projects on the current priority list for Construction Grants.

San Jacinto River Authority (SJRA) was created by special act of the legislature. The SJRA may own, operate and maintain wastewater treatment facilities within its jurisdictional boundaries and may design and construct treatment facilities. This may be done directly or subcontractually. The legislated jurisdictional boundaries encompass the entire San Jacinto River Basin with the exception of Harris County. However, the Authority may, by statute, operate outside its stated boundaries. The SJRA may issue either general



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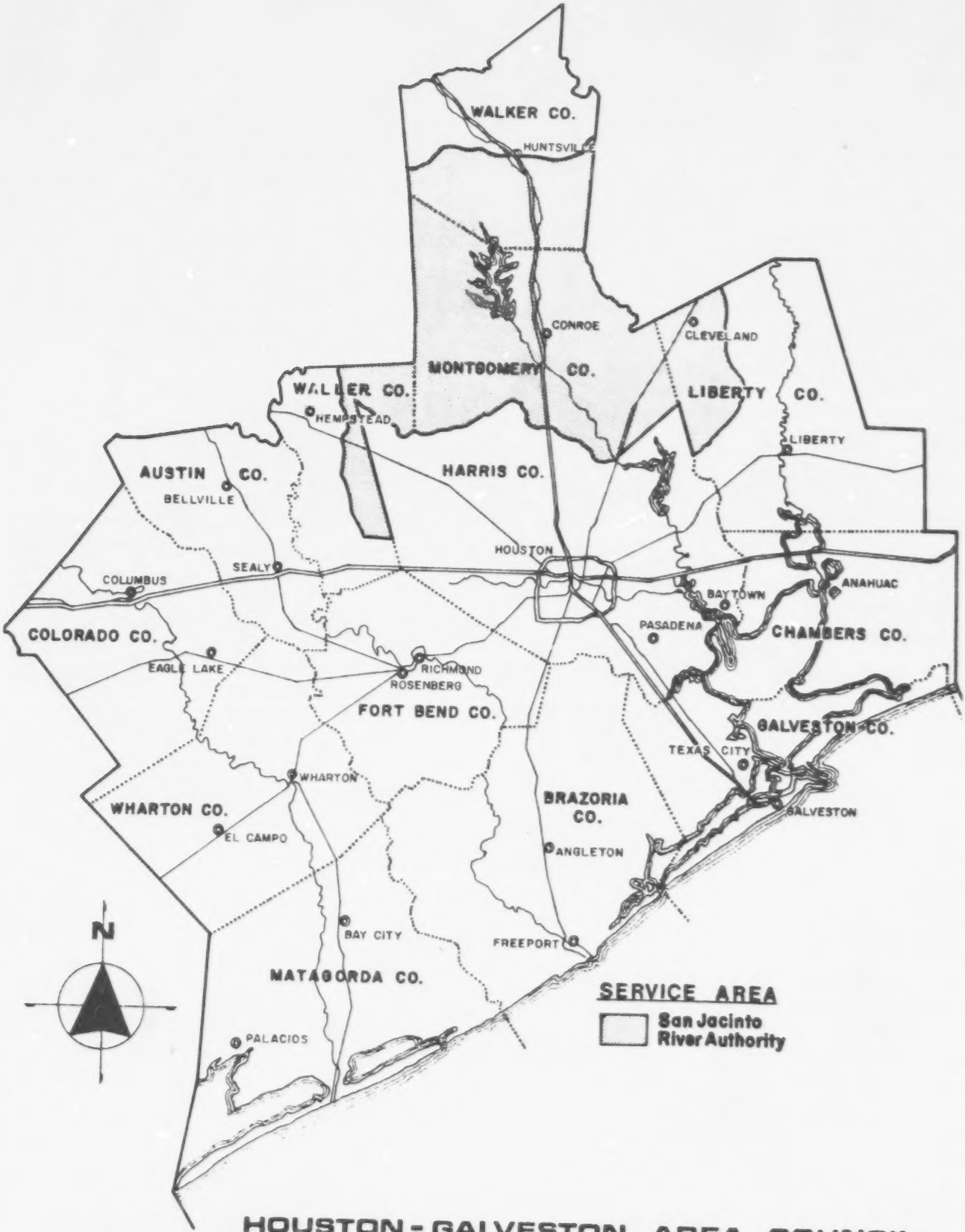

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obligation bonds supported by ad valorem taxes or revenue bonds. The Authority has a project currently on the priority list.

Port of Houston Authority was created by the legislature as a navigation district. It has authority to construct, operate and maintain wastewater treatment works as improvements to the Authority's facilities. The Port has the power to issue revenue bonds and tax-supported bonds for financing treatment works. The Authority's jurisdictional boundaries (service area) are coterminus with Harris County. The Port of Houston Authority has a project on the current Construction Grants Priority List. The Port Authority operates a collection system only. This system ties into the City of Houston sanitary sewer system.

MUNICIPALITIES

Both home rule and general law cities may design, construct, operate and maintain wastewater treatment facilities within their prescribed city limits. The design and construction functions may be carried out directly or subcontractually with consulting engineering firms and construction companies. The service areas are defined by the incorporated municipal boundaries. The boundaries are subject to change as areas are annexed. A 1978 map showing city limits and water district boundaries is available at the H-GAC.

The list that follows are those municipalities being proposed as Treatment Works Management agencies. An asterisk (*) indicates that the City has a project(s) on either the FY 1978 or draft 1979 Priority List. (See pages 16-21)

*Baytown
*Bellaire
*Brookside Village
Bunker Hill Village
Clear Lake Shores
Deer Park
Dickinson
El Lago
*Friendswood
Galena Park
Hedwig Village
Hilshire Village
*Houston
*Humble
Hunters Creek Village
*Jacinto City
*Jersey Village
*Katy
Kemah
*La Porte
*League City
Lomax
Magnolia
Morgan's Point
*Nassau Bay
*Pasadena
*Pearland
Piney Point Village
Prairie View
*Seabrook
Shenandoah
*Shoreacres
*South Houston
*Southside Place
Spring Valley
Taylor Lake Village
*Tomball
Waller
*Webster
*West University Place

WATER DISTRICTS

Water Districts may be created by the Texas Water Commission under the general laws of the State or by special legislation. The legal authorities relative to publicly-owned sewerage systems are sufficient through either form of creation. Water Districts may incur debt, construct, operate and maintain wastewater treatment facilities. Water Districts may issue bonds to finance the construction of treatment facilities. The major categories of water districts in the Greater Houston 208 Area are Water Control and Improvement Districts (WCID); Municipal Utility Districts (MUD); Fresh Water Supply Districts (FWSD); and special law districts including Public Utility Districts (PUD), Utility Districts (UD), Improvement Districts (ID) and Water Authorities (WA).

The jurisdictional boundaries of water districts are specified in the legislation which creates them. It is possible for districts to provide wastewater treatment to neighboring districts which pay their proportional costs for construction, operation and maintenance. The service area would then encompass the legal boundaries for all districts involved.

There are municipalities and water districts in the Greater Houston 208 area who provide wastewater treatment and/or collection to other municipalities and districts. Additionally there are districts who, through intergovernmental agreements, have joined together to provide treatment to their respective districts. The update phase of the Greater Houston 208 plan will identify these entities in more detail.

District Name	Service Area Location Latitude	Longitude
Addicks UD	29° 48' 35"	095° 41' 15"
Aldine PUD	29 55 00	095 20 00
*Bacliff MUD	29 30 45	094 59 00
Bammel UD	30 00 30	095 29 30
Barker-Cypress MUD	29 51 00	095 40 30
Bayfield PUD	29 33 00	095 08 30
Bay Ridge MUD	28 29 30	095 07 30
*Bayshore MUD	29 36 58	095 00 30
Bayview MUD	29 32 00	095 00 45
Beltway MUD	29 43 00	095 34 00
Bilma PUD	30 02 40	095 30 45
Bissonnet MUD	29 41 00	095 37 00
Blue Ridge MUD	29 37 00	095 30 00

District Name	Service Area Location					
	Latitude			Longitude		
Boone Road UD	29°	41'	00"	095°	34'	00"
Braes UD	29	42	30	095	37	30
Briar Ridge MUD	29	35	30	095	26	00
Briarwick ID	29	35	40	095	27	00
Bridgestone MUD	30	03	30	095	27	15
CNP UD	30	01	30	095	26	25
Candlewood MUD	29	43	15	095	36	00
Castlewood MUD	29	47	15	095	44	30
*Cedar Bayou Park UD	29	47	00	094	55	45
Charterwood MUD	30	00	15	095	34	45
Chelford City MUD	29	42	00	095	40	00
Chelford One MUD	29	42	40	095	39	30
Chimney Hill MUD	29	53	30	095	37	00
Cimarron MUD	29	46	30	095	47	05
Clay Road MUD	[1]					
*Clear Lake City WA	29	34	00	095	07	30
Clear Woods ID	29	33	00	095	11	00
*College View MUD	29	39	30	095	06	30
Cornerstones MUD	29	45	15	095	45	15
Crosby MUD of Harris County	29	54	20	095	04	00
Cy-Champ PUD	29	58	40	095	32	35
Cypress Creek UD	29	59	20	095	35	50
Cypress Forest PUD	30	00	30	095	32	00
Cypress-Klein UD	30	01	00	095	31	00
Cypresswood UD	30	02	25	095	28	35
Dove Meadows MUD	30	04	25	095	28	00
Dowdell PUD	30	05	45	095	33	00
East Montgomery County MUD 2	30	06	00	095	14	40
El Dorado UD	20	56	45	095	16	00
Emerald Forest UD	29	56	40	095	34	25
Encanto Real UD	30	06	00	095	29	30
Enchanted Place PUD	29	48	35	094	57	20
Fallbrook UD	29	55	00	095	26	20
Faulky Gully MUD	30	00	00	095	37	00
Forest Cove MUD	30	02	40	095	14	45
Forest Hills MUD	29	55	00	095	27	30
Fountainhead MUD	29	58	40	095	29	30
Galveston County MUD 2	29	25	55	095	05	50
Galveston County MUD 3	29	32	00	095	03	30
Galveston County WCID (1) Dickinson	29	25	30	095	04	00
*Galveston County WCID 12	29	30	30	095	02	00
Glenshire MUD	29	39	00	095	32	40

[1]Information currently unavailable

District Name	Service Area Location Latitude			Longitude		
Grant Road PUD	29°	59'	00"	095°	37'	30"
*Green Ridge MUD	29	35	00	095	29	00
Greens PUD	29	56	30	095	23	20
Greenwood UD	29	51	15	095	13	00
Gulfway UD	29	34	00	095	09	00
Harris Co. FWSD 1A	29	48	00	095	02	10
Harris Co. FWSD 1B	29	48	00	095	00	40
*Harris Co. FWSD 6	29	46	00	095	07	00
*Harris Co. FWSD 27	29	47	00	095	01	00
Harris Co. FWSD 45	29	57	10	095	24	40
Harris Co. FWSD 47	29	47	00	095	09	30
Harris Co. FWSD 48	29	52	00	095	07	45
Harris Co. FWSD 51	29	47	30	095	10	30
Harris Co. FWSD 52	29	59	00	095	31	40
Harris Co. FWSD 58	29	58	20	095	07	00
Harris Co. FWSD 61	29	56	30	095	37	20
Harris Co. FWSD 63	29	42	45	095	35	30
Harris Co. MUD 1	35	07	30	095	33	00
Harris Co. MUD 4	29	55	30	095	21	45
Harris Co. MUD 5	29	57	20	095	27	20
Harris Co. MUD 6	29	54	10	095	31	00
Harris Co. MUD 7	29	59	00	095	40	30
Harris Co. MUD 8	29	47	00	095	12	00
Harris Co. MUD 9	30	07	15	095	30	00
Harris Co. MUD 10	29	46	20	095	38	30
Harris Co. MUD 11	29	55	40	095	27	30
Harris Co. MUD 13	29	35	30	095	12	40
Harris Co. MUD 14	29	57	00	095	26	00
Harris Co. MUD 15	29	53	00	095	29	00
Harris Co. MUD 17	29	55	30	095	16	34
Harris Co. MUD 18	29	59	00	095	37	00
Harris Co. MUD 19	29	56	40	095	05	00
Harris Co. MUD 20	29	55	00	095	05	00
Harris Co. MUD 22	30	08	00	095	32	00
Harris Co. MUD 23	29	53	10	095	31	00
Harris Co. MUD 24	30	02	00	095	32	00
Harris Co. MUD 25	29	53	10	095	32	50
Harris Co. MUD 26/ Harris Co. MUD 27	30	00	40	095	17	50
Harris Co. MUD 28	29	45	45	095	37	00
Harris Co. MUD 30	30	04	00	095	29	00
Harris Co. MUD 33	29	56	30	095	28	00
Harris Co. MUD 35	30	06	50	095	33	20
Harris Co. MUD 39	29	47	30	095	35	30
Harris Co. MUD 43	30	03	14	095	22	02
Harris Co. MUD 44	30	30	00	095	29	00

District Name	Service Area Location					
	Latitude			Longitude		
Harris Co. MUD 46	29°	55'	30"	095°	12'	00"
Harris Co. MUD 48	29	59	00	095	30	30
Harris Co. MUD 49	29	56	30	095	13	01
*Harris Co. MUD 50	29	53	00	095	03	30
Harris Co. MUD 51	29	42	42	095	38	00
Harris Co. MUD 53	29	49	00	095	09	30
Harris Co. MUD 55	29	31	43	095	10	50
Harris Co. MUD 58	30	00	01	095	27	50
Harris Co. MUD 61	29	48	00	095	45	30
Harris Co. MUD 64	29	47	50	095	47	30
Harris Co. MUD 65	29	48	20	095	47	00
Harris Co. MUD 67	29	35	40	095	10	40
Harris Co. MUD 69	29	56	20	095	37	40
Harris Co. MUD 70	29	53	30	095	36	30
Harris Co. MUD 71	[1]					
Harris Co. MUD 73	29	56	00	095	05	00
Harris Co. MUD 81	29	45	40	095	44	40
Harris Co. MUD 82	30	34	30	095	32	02
Harris Co. MUD 90	29	45	00	095	37	10
Harris Co. MUD 98	29	44	20	095	38	01
Harris Co. MUD 101	29	57	30	095	24	30
Harris Co. MUD 102	29	52	20	095	38	30
Harris Co. MUD 104	30	03	40	095	27	20
Harris Co. MUD 105	29	52	00	095	43	00
Harris Co. MUD 107	29	46	10	095	38	10
*Harris Co. MUD 109	30	00	20	095	11	22
Harris Co. MUD 118	29	54	30	095	28	50
Harris Co. MUD 119	29	53	40	095	28	10
Harris Co. MUD 120	29	43	00	095	39	30
Harris Co. MUD 123	29	40	00	095	35	29
Harris Co. MUD 132	30	01	00	095	09	30
Harris Co. MUD 136	29	51	00	095	41	00
Harris Co. MUD 139	29	40	00	095	33	20
Harris Co. MUD 142	29	32	30	095	09	00
Harris Co. MUD 144	29	52	30	095	41	30
Harris Co. MUD 145	30	03	00	095	09	00
Harris Co. MUD 147	29	42	20	095	40	00
Harris Co. MUD 148	29	54	30	095	13	30
Harris Co. MUD 149	29	53	00	095	39	40
Harris Co. MUD 150	29	57	30	095	28	30
Harris Co. MUD 151	30	00	30	095	10	00
Harris Co. MUD 154	30	01	10	095	24	40
Harris Co. MUD 157	29	52	15	095	42	00
Harris Co. MUD 162	[1]					
Harris Co. MUD 165	[1]					

[1] Information currently unavailable

District Name	Service Area Location Latitude			Longitude		
Harris Co. MUD 167	[1]					
Harris Co. UD 1	30°	03'	25"	095°	13'	20"
Harris Co. UD 2	30	03	00	095	11	40
Harris Co. UD 3	30	03	20	095	12	10
Harris Co. UD 4	30	03	00	095	14	00
*Harris Co. UD 5	30	05	35	095	11	10
Harris Co. UD 6	29	50	45	095	38	20
Harris Co. UD 8	30	04	40	095	12	15
Harris Co. UD 10	30	04	30	095	11	05
Harris Co. UD 11	29	42	00	095	37	00
Harris Co. UD 13	29	56	00	095	31	50
Harris Co. UD 14	29	56	15	095	29	30
Harris Co. UD 15	29	56	45	095	29	30
Harris Co. UD 16	29	59	15	095	24	00
*Harris Co. WCID 1	29	48	30	095	03	20
*Harris Co. WCID 21	29	47	00	095	07	30
Harris Co. WCID 36	29	46	30	095	10	00
Harris Co. WCID 45	[1]					
*Harris Co. WCID 50	29	34	15	095	02	30
Harris Co. WCID 70	29	56	40	095	07	30
Harris Co. WCID 71	29	45	00	095	35	00
Harris Co. WCID 74	29	53	30	095	20	00
Harris Co. WCID 75	29	34	55	095	03	00
Harris Co. WCID 76	29	54	00	095	17	30
Harris Co. WCID 84	29	48	20	095	07	20
Harris Co. WCID 89	29	36	10	095	21	30
Harris Co. WCID 91	30	01	25	095	27	35
Harris Co. WCID 96	29	55	00	095	15	00
Harris Co. WCID 98	29	58	00	095	40	30
Harris Co. WCID 99	30	02	50	095	25	00
Harris Co. WCID 108	29	31	40	095	10	35
Harris Co. WCID 110	30	02	35	095	26	30
Harris Co. WCID 113	29	57	20	095	39	00
Harris Co. WCID 114	30	01	00	095	32	30
Harris Co. WCID 116	29	59	00	095	31	00
Harris Co. WCID 119	30	01	00	095	34	00
Harris Co. WCID 129	29	40	40	095	33	25
Harris Co. WCID 132	30	01	40	095	28	40
Harris Co. WCID 133	29	55	00	095	30	10
Harris Co. WCID 136	30	02	25	095	21	35
Harris Co. WCID 140	30	00	40	095	16	20
Heatherlock MUD	29	59	10	095	30	38
Horsepen Bayou MUD	29	51	30	095	37	00

[1] Information currently unavailable

District Name	Service Area Location Latitude			Longitude		
Huffsmith Road PUD	35°	08'	30"	095°	34'	30"
Hunter's Glen MUD	30	01	20	095	18	40
Hunterwood MUD	29	49	50	095	12	29
Interstate MUD	29	47	00	095	45	00
Inverness Forest ID	30	02	00	095	24	30
Jackrabbit Road PUD	29	51	00	095	39	30
Kirkmont MUD	29	36	00	095	14	30
Klein PUD	30	02	20	095	28	00
Kleinwood MUD	30	03	00	095	31	00
Kuykendahl Road PUD 1	30	09	30	095	33	15
Kuykendahl Road PUD 2	30	09	00	095	34	00
Lake Forest UD	29	59	00	095	36	00
Langham Creek UD	29	52	00	095	40	40
Louetta Road UD	30	01	35	095	29	40
Luce Bayou PUD	30	04	00	095	06	00
Malcomson Road UD	29	59	30	095	35	10
Manning UD	29	41	20	095	34	15
Mason Creek UD	29	46	30	095	43	40
May PUD	30	04	00	095	03	45
Mayde Creek MUD	29	49	50	095	42	32
*Meadows MUD	29	39	00	095	36	00
Memorial Hills UD	30	01	30	095	23	30
Memorial MUD	29	44	30	095	44	30
*Memorial Villages WA	29	46	00	095	31	00
Memorial West UD	29	46	40	095	39	00
Mills Road MUD	29	57	30	095	34	30
Mission Bend MUD 1	29	40	45	095	39	00
Mission Bend MUD 2	29	42	20	095	38	30
Montgomery County MUD 6	30	09	03	095	28	30
Montgomery County MUD 7	30	09	40	095	29	20
Montgomery County MUD 19	30	08	25	095	27	00
Montgomery County MUD 24	30	05	30	095	12	00
Montgomery County MUD 36	30	08	00	095	27	30
*Montgomery Co. WCID 1	30	08	25	095	29	30
Norchester MUD	35	06	30	095	31	00
North Belt UD	29	56	30	095	21	40
Northborough MUD	29	57	00	095	25	15
Northbrook MUD	29	39	40	095	32	30
North Forest MUD	30	00	15	095	26	00
North Park PUD	30	01	30	095	25	25
Northway MUD	29	58	29	095	24	35
Northwest Frwy. MUD	30	01	00	095	48	30
Northwest Harris Co. MUD 5	29	55	45	095	39	00

District Name	Service Area Location Latitude			Longitude		
Northwest Harris Co. MUD 6	29°	57'	10"	095°	31'	00"
Northwest Harris Co. MUD 7	30	01	30	095	37	30
Northwest Harris Co. MUD 9	29	57	30	095	35	00
Northwest Harris Co. MUD 10	25	59	00	095	40	45
Northwest Harris Co. MUD 16	29	52	20	095	39	20
Northwest Harris Co. PUD 1	29	55	40	095	29	25
Northwest Harris Co. PUD 2	29	55	10	095	29	30
Northwest Harris Co. PUD 3	29	55	00	095	29	00
Oakmont PUD	35	08	30	095	31	00
Oak Ridge MUD	39	09	10	095	26	49
Parkglen West MUD	29	40	00	095	35	00
Park Ten MUD	29	47	00	095	40	00
Parkway UD	29	51	15	095	12	10
Pine Bough MUD	30	03	40	095	05	00
Pine Forest PUD	30	04	20	095	05	35
Pine Village PUD	29	54	15	095	18	00
Ponderosa Forest UD	30	01	00	095	28	00
Post Wood MUD	30	03	20	095	20	50
Prestonwood Forest UD	29	59	00	095	33	20
Reid Road MUD 1	29	55	30	095	34	00
Ridgemont MUD	29	35	30	095	27	20
Robin PUD	30	01	55	095	05	00
Rolling Fork PUD	29	53	30	095	32	00
Rosewood MUD	29	44	30	095	37	01
Royalwood MUD	29	50	00	095	11	00
Sagebend MUD	29	34	30	095	12	00
Sagemeadow MUD	29	35	00	095	14	15
San Leon MUD	29	29	00	095	57	00
Scarsdale MUD	29	35	30	095	12	00
Sequoia ID	29	55	45	095	19	00
Shasla PUD	35	05	10	095	28	00
*Southern Montgomery County MUD	30	08	30	095	26	20
Southwest Harris Co. MUD 1	29	38	30	095	30	30
Spanish Cove PUD	29	59	55	095	06	10
Spencer Road PUD	29	53	00	095	38	00
*Spenwick Place MUD	29	29	30	095	05	30

District Name	Service Area Location Latitude			Longitude		
Spring Creek Forest PUD	30°	02'	00"	095°	31'	00"
Spring Creek UD	30	06	45	095	24	00
Spring Meadows MUD	29	49	30	094	58	40
Spring PUD	30	03	00	095	25	40
Tattor Road MD	30	02	10	095	20	00
Thompson Road MUD	29	47	25	095	02	15
Three Lakes MUD 1	30	03	10	095	36	10
Tidwell Timbers MUD	29	51	00	095	14	15
Timberlake ID	29	57	40	095	37	30
Timber Lane UD	30	02	25	092	23	40
Trail of the Lakes MUD	29	58	42	095	12	40
Waller County WCID 2	30	00	00	095	56	00
Westador MUD	30	01	30	095	27	00
West Belt MUD	29	42	00	095	33	01
Westcreek UD	29	43	20	095	34	00
West Harris Co. MUD 1	29	52	25	095	32	45
West Harris Co. MUD 2	29	48	40	095	46	30
Westheimer Road MUD	29	44	20	095	38	25
Westlake MUD 1	29	48	15	095	42	35
*W. Memorial MUD	29	46	30	095	45	30
Weston MUD	29	47	30	095	45	00
Westway UD	29	50	05	095	33	40
Windfern Forest UD	29	53	20	095	32	45
Woodcreek MUD	30	00	40	095	23	00
Woodforest North UD	29	49	15	095	10	35
Woodland North UD	29	52	40	095	30	25
Woodlands Metro Center MUD	[1]					
Woodlands MUD 2	30	07	20	095	29	00

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*indicates that District has a project(s) on either the FY 1978 or draft 1979 Priority List

[1] Information currently unavailable

FIRST HALF FISCAL YEAR 1978 MUNICIPAL FACILITIES
CONSTRUCTION GRANT PRIORITY LIST
GREATER HOUSTON 208 AREA

The list which follows has been drawn from the master list for the State prepared by the Texas Department of Water Resources. The list is organized by class based on population. Each class is divided into a first and second ranking group. Projects in the first ranking group are those that have received a Step 2 grant. All other projects are in the second ranking group.

CLASS I: LARGE CITIES (Entities with more than 2500 people)

RANKING GROUP	PRIORITY	ENTITY	COMMENTS
I	6	Pasadena	STP Improvements
I	11	Friendswood/GCWDA	Regional STP
II	1	Houston (Northside)	Improvement STP
II	2	Houston (Southeast)	Improvement STP
II	17	Houston (Southwest)	Improvement STP
II	27	Jacinto City	Plant Improvements
II	53	W. University Place	Replacement STP
II	55	Pasadena	Collection System
II	60	HCMUD 50	New STP
II	61	Baytown W.	Lakewood Improvement
II	68	Houston	New Interceptors
II	80	Houston	New Interceptor
II	82	HCMUD 109-Atascocita Central	Replacement STP
II	83	Houston	Provide Service to FPA 19
II	87	Houston (PA16A) (17) (18)	Replacement STP for 2 Plants
II	91	Houston (FPA21) (22)	New Interceptor, Rel. Int. & Collection System
II	92	Baytown, Central District	Plant Improvement, Line Work
II	97	HCWCID 1	Collection Facility
II	98	Pearland	Improvement STP
II	107	HCUD 5	Plant Improvement
II	109	Memorial Village Water Authority	Plant Expansion
II	119	Humble	Interception and Collection System

II	120	Bellaire	Collection System Rehab
II	121	Seabrook	Replacement STP
II	124	Harris Co. WCID 21	Replacement STP
II	125	*West Road ID	STP Improvement & Collection System Rehab
II	129	GCWDA-Northbelt Region	Replace Eastex Oaks STP
II	135	Baytown East Dist.	New Interceptor to Replace Septic Tanks
II	140	La Porte	Upgrade and Enlarge Main STP
II	144	South Houston	Plant Improvement/Expansion
II	146	Webster	Improvement STP
II	162	Houston (FPA) (7)	New Interceptor
II	169	SJRA	Plant Expansion 1.5-3.0 MGD
II	170	Meadows MUD (Ft. Bend)	Improvement STP
II	190	Tomball	New Interceptor
II	191	League City	Collection Facilities
II	202	WCID Fondren Road	Plant Improvements
II	205	*HCWCID 78	Plant Improvements
II	211	HCUD 5	New Interceptors/L.S.
II	213	Port of Houston	Collection Facility
II	229	HCWCID 50	Improvements to Collection System

CLASS II: SMALL CITIES (Entities with 2500 or fewer people)

I	3	HCFWSD 6	Improvement STP
I	14	Cedar Bayou Park UD	New STP
II	2	GCWCID 12	Improvement STP
II	26	Brookside Village	Collection and Transport System to Pearland
II	36	Spenwick Place MUD	Interceptors to La Porte
II	45	Southside Place	Plant Improvement
II	47	MCWCID 1	Improvement STP
II	100	Jersey Village	Improvement STP
II	137	SMC MUD	STP Addition
II	150	College View MUD	STP Improvement
II	154	*Brookfield MUD	Plant Improvement

*Annexed by City of Houston

FIRST HALF FISCAL YEAR 1979 MUNICIPAL FACILITIES
CONSTRUCTION GRANT PRIORITY LIST
GREATER HOUSTON 208 AREA[2]

The list which follows has been drawn from the draft master list for the State prepared by the Texas Department of Water Resources. Each of the two classes (based on population) has been subdivided into groups representing particular step grant applications (Step 1, 2 or 3).

CLASS I: LARGE CITIES (Entities with more than 2500 people)

STEP 1

Ranking	Project Name	Project Description
004	Houston Southeast	Improvement STP
013	Houston Southwest	Improvement STP
032	Houston WCID 47	New Interceptor
034	Harris County MUD 50	New STP
035	Baytown, Central District	Plant Improvements & Line Work
036	Harris County WCID 1	Relief Interceptor & Plant Improvements
043	Houston Facility Planning Area 20	New Interceptor
052	Houston	Provide Service to Facility Planning Area 19
055	Houston Facility Planning Area 16A, 17 & 18	Replacement STP for 2 Plants
058	HCMUD 109 (Atascocita Central)	Replacement STP
060	Houston Facility Planning Area 20 & 21	New Interceptor; Relief Interceptor; Collection
061	Harris County UD 5	Plant Improvement
066	League City	Improvement to 2 STPs
068	*West Road ID	Improve STP & Collection Rehab.
069	Humble	Interceptor & Collection System
074	Memorial Villages Water Authority	Plant Expansion
076	Jacinto City	Plant Improvements
082	Webster	Improvement STP
088	GCWDA-Northbelt Regional	Replace Eastex Oaks Plant
093	Nassau Bay	STP Improvements & New Interceptors
094	Bellaire	Collection Rehab.
095	Seabrook	Replacement STP
097	Baytown, East Sewer District	New Interceptor to replace Septic Tank
098	San Jacinto River Authority	Expand STP from 1.5 to 6.0 MGD
102	Clear Lake City Water Authority	Expand STP from 4.5 to 5.5 MGD
108	Greenridge MUD	STP Expansion

[2]Taken from the Texas Department of Water Resources Draft Document Dated August 8, 1978, and reflects only the Greater Houston 208 Area
*Annexed by City of Houston

Ranking	Project Name	Project Description
111	South Houston	Plant Improvement & Expansion
119	W. Memorial MUD	STP Improvements
132	Houston Facility Planning Area	New Interceptor
140	Bacliff MUD	STP Improvements
147	Tomball	New Interceptor
160	WCID Fondren Road	Plant Improvements
167	Port of Houston	Collection Facility
169	Katy	Expand STP from .75 to 3.5 MGD
173	Harris County UD 5	New Interceptor & Lift Station
204	Harris County WCID 50	Collection Facility Improvement
	STEP 2	
001	Houston Northeast Facility Planning Area	Northside STP Expansion & Rehab.
003	Houston Northeast Facility Planning Area	Clinton Park STP Expansion & Rehab.
011	Houston Northeast Facility Planning Area	Phase I Northside Relief Sewer
012	Houston Northeast Facility Planning Area	Phase II Northside Relief Sewer
013	Houston Northeast Facility Planning Area	Homestead STP Expansion & Rehab.
014	W. University Place	Replacement STP
016	La Porte	Upgrade & Enlarge Main Plant
023	Houston Northeast Facility Planning Area	Northeast STP Expansion & Abandon WCID 20 & 32
024	Baytown West Sewer District	Lakewood Improvement
025	Pearland	Improvement STP
032	Houston Northeast Facility Planning Area	FWSD 17 STP Expansion
037	Houston Northeast Facility Planning Area	FWSD 23 STP Expansion
039	Harris County WCID 21	Replacement STP
046	Houston Northeast Facility Planning Area	Red Gully STP Expansion & Rehab.
	STEP 3	
007	Pasadena, Segment 3	Collection System Rehab.
008	Friendswood	Permanent Access Road
025	Houston Northeast Facility Planning Area	Northside STP Expansion
028	Houston Northeast Facility Planning Area	Clinton Park STP Expansion & Rehab.
040	Houston Northeast Facility Planning Area	Phase I Northside Relief Sewer

Ranking	Project Name	Project Description
041	Houston Northeast Facility Planning Area	Phase II Northside Relief Sewer
043	Houston Northeast Facility Planning Area	Homestead STP Expansion & Rehab.
044	W. University Place	Replacement STP
046	La Porte	Upgrade & Enlarge Main Plant
053	Houston Northeast Facility Planning Area	Northeast STP Expansion & Abandon WCID 20 & 32
054	Baytown West Sewer District	Lakewood Improvement
055	Pearland	Improvement STP
062	Houston Northeast Facility Planning Area	FWSD 17 STP Expansion
067	Houston Northeast Facility Planning Area	FWSD 23 STP Expansion
069	Harris County WCID 21	Replacement STP
076	Houston Northeast Facility Planning Area	Red Gully STP Expansion & Rehab.
093	Houston Northeast Facility Planning Area	Wynnewood Area Collection System - Northeast STP Area
094	Houston Northeast Facility Planning Area	Groveland Terrace Collection System - Northeast STP Area
095	Houston Northeast Facility Planning Area	Bradshaw - Wheeler Collection System
098	Houston Northeast Facility Planning Area	Settegast Collection System - Homestead STP Area

FIRST HALF FISCAL YEAR 1979 MUNICIPAL FACILITIES
CONSTRUCTION GRANT PRIORITY LIST
GREATER HOUSTON 208 AREA[2]

CLASS II: SMALL CITIES (Entities with 2500 or fewer people)

STEP 1

Ranking	Project Name	Project Description
001	Galveston County WCID 12	Improvement STP
002	Shoreacres	Plant Improvement
012	Jersey Village	Improvement STP
028	Harris County FWSD 27	New STP to Replace Septic Tanks
033	Southside Place	Plant Improvement
073	College View MUD	STP Improvements
091	Bayshore MUD	Collection System Rehab. & Lift Station
121	Southern Montgomery County MUD	STP Addition

STEP 3

004	Montgomery County WCID 1	Improvement STP
011	Brookside Village	New Sewage System to Replace Septic Tanks
013	Spenwick Place MUD	Interceptors to La Porte

[2]Taken from the Texas Department of Water Resources Draft Document Dated August 8, 1978, and reflects only the Greater Houston 208 Area

MUNICIPAL CONSTRUCTION PRIORITY LIST NEEDS FOR THE FISCAL YEARS 1980, 1981, 1982, 1983

The Environmental Protection Agency has published interim rules and regulations for implementation of the Clean Water Act of 1977. These regulations state that the "interim regulations for State priority list management require a 5-year priority list to ensure that projects are planned and managed in accordance with an overall multiple year strategy..."

The Texas Department of Water Resources (TDWR) is the agency responsible for evaluating priority needs and establishing the State Priority List. Although the Priority List will cover a five year period, annual updates will be necessary to achieve accuracy. The TDWR has requested each 208 planning agency to prepare a listing of construction needs for the period 1980-1983, by year. The general nature of the Greater Houston 208 plan did not easily lend itself to an annualized listing. Local construction needs listed in this document consist of projects shown in the plan by multi-year periods (1977-83, 1984-1990, 1991-1995) plus input from this area's proposed Treatment Works Management Agencies. It must be realized that the timing of individual projects may change the need for placement on the priority ranking list in a particular year. Therefore, annual updating, preceding the yearly establishment of priority ranking lists for 'funding years' (the first year of each five year period) will be of utmost importance.

Each proposed Treatment Works Management Agency was mailed an inquiry requesting submittal to the H-GAC of proposed projects for the time period 1980-1983. Each proposed agency was requested to list the type of project (e.g. treatment facility expansion, collection system rehabilitation) and the year the project will need to be placed on the State's priority ranking list. This effort was consolidated with the five year needs expressed in the plan to result in the listing which follows.

The draft priority ranking list for the first half of FY 1979 for the Greater Houston 208 Area is included as prepared by TDWR. As this listing is in draft form, all project needs received from Treatment Works Management Agencies and those developed in the 208 plan are included in this section although some repetition may exist.

The listing presented may be incomplete. Shortness of time in which to accomplish this priority needs listing may have resulted in the absence of some entities which will have projects eligible for funding in the years 1980-1983. The Texas Department of Water Resources will be holding public hearings (approximately April 1979 and August 1979) prior to finalizing the FY 1980 priority ranking list. It is proposed that any projects not appearing on this list will be received and submitted to TDWR before the first priority ranking public hearing in 1979. Also, the FY 1979 priority list is available at this time in draft form only and is subject to change as the result of a public hearing to be held on September 1, 1978. Therefore the draft list will not be used to <u>verify</u> rankings prior to 1980.

GREATER HOUSTON WASTE MANAGEMENT TREATMENT PLAN

ANNUALIZED CONSTRUCTION PROJECT NEEDS*

FY 1980

PROJECT NAME	PROJECT DESCRIPTION
Houston/Northside/69th Street	Treatability and Evaluation Study (Union Carbide)
" /Almeda-Sims	Almeda-Knight-Cambridge Trunk and SW Pump Station and 48" Force Main Construction
"	Miscellaneous I/I Collection System Rehabilitation Works Design and Construction
" /Northside/69th Street	69th St. Reactors and Clarifiers on South Half of 69th St. Site Construction
" /Northside/69th Street	Step III Engineering Services Contracts - Construction
" /Northwest	Northwest Wastewater Treatment Plant Expansion to 12 MGD Construction
" /Northside/69th Street	Preliminary Site Work, Bulkhead, Returning Walls, 144" Sewer Construction
" /FWSD 17	FWSD 17 Infiltration-Inflow Systematic Sewer Evaluation Preliminary Engineering
" /Red Gully	Red Gully Infiltration-Inflow Systematic Sewer Evaluation Preliminary Engineering
" /Southeast	Southeast Systematic Sewer I/I Evaluation Preliminary Engineering
" /Gulf Meadows	Gulf Meadows I/I Systematic Sewer Evaluation Preliminary Engineering
" /Northside/69th Street	69th Street Wastewater Treatment Contact Chambers, Filters and Operations Center - Construction
" /WCID 51	WCID 51 - I/I Systematic Sewer Evaluation Survey Preliminary Engineering
" /Southwest	Southwest I/I Systematic Sewer Evaluation Survey Preliminary Engineering
" /West District	West District Wastewater Treatment Enlargement 14 MGD to 20 MGD - Design

PROJECT NAME	PROJECT DESCRIPTION
Houston/Turkey Creek	Turkey Creek Wastewater Treatment Enlargement to 6 MGD and Diversion from West District Design
" /Sherwood Oaks	Sherwood Oaks Wastewater Treatment Abandonment to West District and Wrenwood Trunk and Laterals Design
" /Northside/69th Street	69th Sludge Plant Dryer Equipment Equipment Purchase
" /Easthaven	Easthaven Sludge Transfer Line - Construction
" /Almeda-Sims	Almeda-Sims Sludge Disposal Plant Sludge Processing Facility - Construction
" /Northside/69th Street	69th St. Lift Station Preliminary Treatment Facilities and Maintenance Building Construction
" /Northside/69th Street	69th St. Electrical Equipment - Equipment Purchase
" /Northside/69th Street	69th Street Sludge Thickener and Digester Complex Construction
" /Northside/69th Street	69th St. RR Spur, Electrical Distribution, Chemical and Fuel Storage, Yard Piping and Final Site Work Construction
" /Northwest	Northwest Wastewater Treatment Plant Expansion from 12 MGD to 18 MGD - Design
" /Almeda-Sims	Almeda Sims Sludge Plant Product Handling and Storage Building - Construction
" /Northeast	Houston Gardens, Settegast, Wynnewood, Groveland Terrace, Bradshaw-Wheeler Areas Sewer Laterals Construction
" /Northside/69th Street	69th Street Filter/Dryer Building and Covered Sludge Storage Building Construction
" /Homestead	Homestead Wastewater Treatment Plant Expansion to 5 MGD - Design
" /Northeast	WCID 20 Diversion to NE Wastewater Facility: Trunk Sewer on Wood Forest and Oates Rd. - Design
" /Northeast	Northeast Wastewater Treatment Facility Expansion to 11 MGD - Design

PROJECT NAME	PROJECT DESCRIPTION
Houston/Northside/69th Street	69th St. Reactors and Clarifiers Construction
"	Miscellaneous Sewer System Rehabilitation Projects
" /WCID 47	WCID 47 Wastewater Treatment Facility Enlargement to 6 MGD - Design
" /Sims Bayou	Sims Bayou Treatment Facilities Enlargement Design
" /Sims Bayou	Sims Bayou Sludge Disposal Plant Expansion - Design
" /Northside/69th Street	69th Street Oxygen Plant Construction
" /Southwest	Southwest Wastewater Treatment Facility Expansion to 50 MGD - Design
" /WCID 51	Force Main and Pump Station for Diversion of Mayfair Park Wastewater Treatment Plant to WCID 51 Design
" /Northside/69th Street	69th Street Wastewater Treatment Trunk Sewers and Diversion Structures Construction
" /Clinton Park	Clinton Park Wastewater Treatment Plant to 2.0 MGD Construction
" /FWSD 17	FWSD 17 Wastewater Treatment Plant Enlargement Facilities Design
" /Northside/69th Street	69th Street Complex Instrumentation - Construction
" /WCID 51	WCID 51 Wastewater Treatment Peak Flow Modifications - Construction
" /Northwest	Northwest Sludge Disposal Plant Dryer Purchase - Equipment Purchase
" /Northside/69th Street	69th Street 138KV Substation Construction
" /Turkey Creek	Turkey Creek Wastewater Plant Expansion to 6 MGD with Diversion from West District Construction
" /Sims Bayou	Sims Bayou Sludge Plant Purchase 2 Dryers Equipment Acquisition
" /West District	West District Wastewater Treatment Plant Expansion from 14 to 20 MGD - Construction

PROJECT NAME	PROJECT DESCRIPTION
Houston/WCID 51	Force Main for Diversion of Mayfair Park Wastewater Treatment Plant to WCID 51 Construction
" /Northside/69th Street	69th St. Sludge Plan Sludge Force Main Construction
" /Northeast	WCID 20 Wastewater Treatment Plant Diversion to Northeast Facility - Interceptor on Wood Forest, Oates and Wallisville Rds. from Maxey Rd. to WCID 20 Construction
" /Northeast	Northeast Wastewater Treatment Plant Expansion from 2 to 11 MGD - Construction
" /Northeast	WCID 32 Diversion to Northeast Wastewater Treatment Plant Overflow 29-02 & 29-03 Elimination-Expansion of Westmont Pump Station Construction
" /Homestead	Homestead Wastewater Treatment Plant Expansion to 4 MGD - Construction
" /Southwest	Southwest Wastewater Treatment Facility Expansion from 30 to 50 MGD Construction
" /WCID 47	WCID 47 Wastewater Treatment Facility 3 MGD Expansion Construction
" /Sims Bayou	Sims Bayou Treatment Plant Expansion Construction
" /Almeda-Sims	Almeda-Sims Wastewater and Sludge Disposal Plant Enlargement from 20 to 40 MGD - Design
" /Northwest	Northwest Wastewater Plant Expansion from 12 to 18 MGD - Construction
"	Miscellaneous I & I Sewer Rehab. Rehabilitation Projects
" /WCID 51	FWSD 34 Wastewater Plant Diversion Sewer to WCID 51 Construction
" /Almeda-Sims	Almeda-Sims Sludge Plant Enlargement Equipment Purchase
" /Almeda-Sims	Almeda-Sims Wastewater Treatment Plant: Wastewater and Sludge Plant Enlargement 20 to 40 MGD Construction
" /WCID 51	WCID 51 Wastewater Treatment Plant Expansion to 10 MGD - Construction

PROJECT NAME	PROJECT DESCRIPTION
Houston	Miscellaneous I & I Rehabilitation
"	Miscellaneous I & I Rehabilitation
" /Gulf Meadows	Gulf Meadows Wastewater Treatment Plant Expansion to 2 MGD - Design
" /Gulf Meadows	Gulf Meadows Wastewater Treatment Plant Expansion to 2 MGD - Construction
" /FWSD 23	FWSD 23 Wastewater Treatment Plant Expansion Design
"	Miscellaneous I & I Rehabilitation
" /FWSD 23	FWSD 23 Wastewater Treatment Plant Expansion Construction
"	Miscellaneous I & I Rehabilitation Projects
" /Red Gully	Red Gully Wastewater Treatment Plant Expansion - Design
" /Red Gully	Red Gully Wastewater Treatment Plant Expansion - Construction
" /Southeast	Southeast Wastewater Treatment Plant Expansion & Effluent Diversion - Design
" /Southeast	Southeast Wastewater Treatment Plant Expansion & Effluent Diversion - Construction
" /Sagemont	Sagemont Wastewater Treatment Plant Expansion - Design
" /Sagemont	Sagemont Wastewater Treatment Plant Expansion - Design
" /Gulf Meadows	Effluent Diversion - Construction
" /Brookfield MUD	Additional Collectors
" /WCID 111	Additional Collectors
" /Parkglen MUD	Additional Collectors
" /WCID 78	Plant Expansion Additional Collectors

PROJECT NAME	PROJECT DESCRIPTION
Houston/WCID 104	Plant Expansion Additional Collectors
" /Imperial Valley	Additional Collectors
" /West Road UD	Additional Collectors
" /Northgate UD	Additional Collectors
" /WCID 69	Additional Collectors
" /White Oak MUD	Additional Collectors

*The City of Houston Projects appear as submitted to H-GAC by the City of Houston Public Works Department

GREATER HOUSTON AREAWIDE WASTE MANAGEMENT TREATMENT PLAN

ANNUALIZED CONSTRUCTION PROJECT NEEDS*

FY 1980

PROJECT NAME	PROJECT DESCRIPTION
Waller	Plant expansion Additional collectors
Humble/S. Dennis	Upgrade to effluent set 2N Additional collectors
Galena Park	Additional collectors
Deer Park	Additional collectors
Pasadena/Deepwater	Additional collectors
Pasadena/Golden Acres	Additional collectors
Baytown/Central Sewer District	Additional collectors
Morgan's Point	Plant expansion Additional collectors
Baytown/West Sewer District	Plant expansion
Katy	Additional collectors
Bellaire	Plant expansion
West University Place	Plant expansion Additional collectors
Humble/SW	Additional collectors
South Houston	Plant expansion Additional collectors
Pasadena	Additional collectors
Galena Park/Plant #2	Additional collectors
Jersey Village	Plant expansion Additional collectors
Webster	Plant expansion Upgrade to effluent set 3NP Additional collectors

PROJECT NAME	PROJECT DESCRIPTION
Nassau Bay	Upgrade to effluent set 4NP Additional collectors
League City/Plant #1	Upgrade to effluent set 3NP Additional collectors
League City/Plant #2	Upgrade to effluent set 3NP
Shoreacres/Bayshore MUD	Upgrade to effluent set 3NP
Pearland/Plant #2	Upgrade to effluent set 3NP Additional collectors
Pearland/Plant #3	Upgrade to effluent set 3NP Additional collectors
Pearland/Plant #4	Upgrade to effluent set 3NP Additional collectors
Spring Valley	New plant Collection System
Harris County WCID 113	Upgrade to effluent set 2N Additional collectors
Timberlake ID	Upgrade to effluent set 2N Additional collectors
Lake Forest Central	Upgrade to effluent set 2N Additional collectors
Charterwood MUD	Upgrade to effluent set 2N Additional collectors
Harris County WCID 119	Upgrade to effluent set 2N Additional collectors
Kleinwood Central	Upgrade to effluent set 2N Additional collectors
Cy-Champ PUD	Plant expansion Upgrade to effluent set 2N Additional collectors
Harris County FWSD 52	Upgrade to effluent set 2N Additional collectors
Harris County MUD 24	Upgrade to effluent set 2N Additional collectors
Spring Creek Forest PUD	Upgrade to effluent set 2N Additional collectors

PROJECT NAME	PROJECT DESCRIPTION
Cypress Klein UD	Upgrade to effluent set 2N Additional collectors
Bammel Central	Upgrade to effluent set 2N Additional collectors
Ponderosa Forest UD	Upgrade to effluent set 2N Additional collectors
Ponderosa Joint Powers Agency/ Ponderosa Central	Plant expansion Upgrade to effluent set 2N Additional collectors
CNP UD	Plant expansion Upgrade to effluent set 2N Additional collectors
Dove Meadows MUD	Upgrade to effluent set 2N Additional collectors
Candlelight Hills	Upgrade to effluent set 2N Additional collectors
Harris County WCID 110	Upgrade to effluent set 2N Additional collectors
Harris County WCID 99	Upgrade to effluent set 2N Additional Collectors
Timberlane UD	Upgrade to effluent set 2N Additional collectors
Inverness Forest ID	Upgrade to effluent set 2N Additional collectors
Memorial Hills UD	Upgrade to effluent set 2N Additional collectors
Treschwig Central	Upgrade to effluent set 2N Additional collectors
Forest Cove MUD	Upgrade to effluent set 2N Additional collectors
Harris County WCID 21	Plant expansion Collection system rehabilitation
Harris County FWSD 58	Additional collectors
Harris County WCID 70	Plant expansion

PROJECT NAME	PROJECT DESCRIPTION
Harris County MUD 20	Additional collectors
Crosby MUD	Additional collectors
Harris County WCID 1	Additional collectors
Harris County FWSD 48-1	Additional collectors
Harris County FWSD 48-2	Plant expansion
Harris County WCID 84	Additional collectors
Westlake MUD	Additional collectors
Addicks UD	Plant expansion Additional collectors
Jackrabbit Road PUD	Additional collectors
Harris County MUD 102	Additional collectors
Harris County MUD 107	Additional collectors
Memorial Villages Water Authority	Plant expansion Additional collectors
Westheimer Road MUD	Additional collectors
Rosewood MUD	Additional collectors
Meadows MUD	Additional collectors
Harris County UD 11	Additional collectors
Manning UD	Additional collectors
Harris County MUD 11	Additional collectors
North Forest MUD	Additional collectors
Fallbrook UD	Additional collectors
Harris County MUD 5	Additional collectors
Greenwood UD	Additional collectors
Blue Ridge MUD	Additional collectors

PROJECT NAME	PROJECT DESCRIPTION
Green Ridge MUD	Plant expansion Additional collectors
Harris County FWSD 6	Plant expansion Additional collectors
Harris County FWSD 51	Additional collectors
Harris County FWSD 61	Plant expansion Additional collectors
Rolling Fork PUD	Additional collectors
Harris County MUD 23	Additional collectors
Harris County MUD 6	Additional collectors
Harris County WCID 133	Additional collectors
Harris County WCID 75	Upgrade to effluent set 3NP Additional collectors
Harris County WCID 50	Upgrade to effluent set 4NP Additional collectors
Galveston County WCID 12	Upgrade to effluent set 3NP
College View MUD	Upgrade to effluent set 3NP Additional collectors
Bay Ridge MUD	Upgrade to effluent set 2P Additional collectors
Galveston County WCID 1	Upgrade to effluent set 2P Additional collectors
Harris County MUD 19	Wastewater treatment plant expansion Collection lines

*Taken from the Schedule of Projected Construction Needs for the period 1977-1983 (Implementation Requirements, August 1978) and direct input from proposed Treatment Works Management Agencies

GREATER HOUSTON AREAWIDE WASTE MANAGEMENT TREATMENT PLAN
ANNUALIZED CONSTRUCTION PROJECT NEEDS*

FY 1981

PROJECT NAME	PROJECT DESCRIPTION
Baytown, West Sewer District	Wastewater treatment plant expansion Collection lines
Harris County UD 5	Wastewater treatment plant expansion Collection lines

FY 1982

Pasadena	New wastewater treatment plant Collection system

FY 1983

Friendswood/Gulf Coast Waste Disposal Authority	Wastewater treatment plant expansion Collection lines
West Memorial MUD	Wastewater treatment plant expansion Collection lines
Harris County MUD 162	Wastewater treatment plant expansion Collection lines

*Taken from the Schedule of Projected Construction Needs for the period 1977-1983 (Implementation Requirements, August 1978) and direct input from proposed Treatment Works Management Agencies

PHASING OF DESIGNATIONS

All entities named in this report are being recommended as Treatment Works Management Agencies. However, it is expected that the actual designations will take place in several phases. Prior to action on designation the following information must be developed:

1. Identification and recommendation of the proposed management agency.

2. An assessment of legal authority to fulfill proposed responsibilities as outlined in Section 208 (C)(2) of the Federal Water Pollution Control Act Amendments of 1972 and the Clean Water Act of 1977.

3. An identification of the service area of the proposed management agency.

4. A delineation of the specific responsibilities of the proposed Treatment Works Management Agency (e.g., construction, operation and maintenance of treatment plants, collection systems or both).

5. An acknowledgement from the proposed management agency that it understands and accepts its responsibilities as a Treatment Works Management Agency.

The first group of designations are to be made by the Governor at the time of certification of the initial 208 plan. Entities to be designated as Treatment Works Management Agencies in this first phase will be those that currently have projects in the construction grant process or expect to be in the construction grant process prior to 1981.

At this time, information necessary for items 3 and 4 above remains incomplete and unverified for many of the proposed management agencies. It is anticipated that designations of these entities will be made with approval of the first annual update of the Greater Houston 208 plan.

Potential Treatment Works Management Agencies that are not in existence at this time will be evaluated for designation as outlined on page 3 of this report.

Following are lists of entities to be designated in the first phase. A map showing service areas for each entity is available at the

Houston-Galveston Area Council. The first group of management agencies are to be named for collection and treatment responsibilities. The second group of management agencies are to be responsible for collection systems only. Letters and resolutions acknowledging willingness to accept designation will be forwarded to the Governor under separate cover. Failure to formally accept these responsibilities will preclude designation of the Treatment Works Management Agency and jeopardize construction grant eligibility.

WASTEWATER TREATMENT AND COLLECTION

Cities

Baytown
Bellaire
Deer Park
Friendswood
Galena Park
Houston
Humble
Jacinto City
Jersey Village
Katy
La Porte
League City
Morgan's Point
Nassau Bay
Pasadena
Pearland
Seabrook
Shoreacres
South Houston
Southside Place
Spring Valley
Tomball
Waller
Webster
West University Place

Special Authorities

Gulf Coast Waste Disposal Authority
San Jacinto River Authority

Water Districts

Addicks UD
Bacliff MUD
Bammel UD
Bay Ridge MUD
Cedar Bayou Park UD
Charterwood MUD
Clear Lake City Water Authority
CNP UD
College View MUD
Crosby MUD
Cy-Champ PUD
Cypress Klein UD
Dove Meadows MUD
Fallbrook UD
Forest Cove MUD
Galveston County WCID 1
Galveston County WCID 2
Galveston County WCID 12
Green Ridge MUD
Greenwood UD
Harris County FWSD 6
Harris County FWSD 48-1
Harris County FWSD 48-2
Harris County FWSD 51

Water Districts (cont.)

Harris County FWSD 52
Harris County FWSD 58
Harris County FWSD 61
Harris County MUD 5
Harris County MUD 6
Harris County MUD 11
Harris County MUD 19
Harris County MUD 23
Harris County MUD 24
Harris County MUD 50
Harris County MUD 102
Harris County MUD 107
Harris County MUD 109
Harris County WCID 1
Harris County WCID 21
Harris County WCID 50
Harris County WCID 70
Harris County WCID 75
Harris County WCID 84
Harris County WCID 99
Harris County WCID 110
Harris County WCID 113
Harris County WCID 119
Harris County WCID 133
Harris County UD 5
Harris County UD 11
Inverness Forest ID
Jackrabbit Road PUD
Lake Forest Wastewater Treatment Plant Advisory Council
Manning UD
Meadows MUD
Memorial Hills UD
Memorial Villages Water Authority
Montgomery County WCID 1
North Forest MUD
Ponderosa Joint Powers Agency
Rolling Fork PUD
Rosewood MUD
Southern Montgomery County MUD
Timberlake ID
Timber Lane UD
West Memorial MUD
Westheimer Road MUD
Westlake MUD

WASTEWATER COLLECTION ONLY

Cities

Brookside Village

Special Authorities

Port of Houston

Water Districts

Bayshore MUD
Blue Ridge MUD
Candlelight Hills
Harris County FWSD 27
Harris County MUD 20
Ponderosa Forest UD
Spenwick Place MUD
Spring Creek Forest PUD

The following list presents wastewater treatment facilities acting as "regional" facilities and the districts/municipalities served. These facilities may or may not be designated regional facilities by the Texas Department of Water Resources. The proposed management agency responsible for treatment is indicated by an asterisk (*).

TABLE 1

Regional Treatment Facilities
and Districts/Municipalities Served

Atascocita Central

*Harris County MUD 109
Harris County MUD 46
Harris County MUD 132
Harris County MUD 152

Bammel Central

*Bammel UD
Spring Creek Forest PUD
Harris County MUD 44

*City of Baytown/West District

Harris County FWSD 27

*Friendswood/*Gulf Coast Waste Disposal Authority Blackhawk Central

Harris County MUD 55
Harris County MUD 42
Harris County WCID 108
Clearwoods ID
City of Friendswood

*Green Ridge MUD

Green Ridge MUD
Ridgemont MUD
Fondren Lake MUD
Blue Ridge MUD
Burlington Colony MUD
Cherry Hill MUD
Court Road MUD
Chimney Rock MUD

*Gulf Coast Waste Disposal Authority/Kleinwood Central

Kleinwood MUD
Cypress Forest PUD
Louetta North PUD
Harris County WCID 114

*Gulf Coast Waste Disposal Authority/Treschwig Central

Harris County WCID 136
Tattor Road MUD
Harris County MUD 43

*Harris County FWSD 51

Harris County FWSD 51
Harris County MUD 53
Harris County WCID 36

*Harris County FWSD 61

Harris County FWSD 61
Harris County MUD 69

*Harris County UD 5

Harris County UDs 1, 2, 3, 4, 5, 8, 10
Harris County MUDs 93, 145

*Harris County WCID 133

Harris County WCID 133
Northwest Harris County PUD 1
Northwest Harris County MUD 2
Northwest Harris County PUD 3

*City of Houston/Northside

City of Spring Valley
Hilshire Village

*Jackrabbit Road PUD

Jackrabbit Road PUD
Harris County UD 6
Harris County MUD 136
Barker/Cypress MUD

Lake Forest Control (*Lake Forest Wastewater Treatment Plant Advisory Council)

Lake Forest UD
Malcolmson Road UD
Harris County MUD 18
Cypress Creek UD

*League City

Galveston County WCID 2

*Memorial Villages Water Authority

Bunker Hill Village
Piney Point Village
Hunters Creek Village
Hedwig Village

Newport

*Harris County MUD 19
Harris County MUD 20
Harris County WCID 73

*City of Pearland, Plant #4

Brookside Village

Ponderosa Central (*Ponderosa Joint Powers Agency)

Ponderosa Forest UD
Harris County WCID 132
Westador MUD
Klein PUD
Cypresswood MUD

*San Jacinto River Authority/Woodlands

Montgomery County MUDs 2, 6, 7, 36, 40
Woodlands Metro Central MUD

*West Memorial MUD

West Memorial MUD
Cimarron MUD
Harris County MUD 81
Mason Creek MUD